AUTHOR INDEX

Bachelet, D.M. (Las Cruces, NM, U.S.A.), Hunt, H.W. and Detling, J.K. (Fort Collins, CO, U.S.A.)
Simulated carbon and nitrogen dynamics in blue grama swards subject to above- and belowground grazing, irrigation and fertilization. Part II. The grazing optimization notion 83
Batchelder, H.P. and Miller, C.B. (Corvallis, OR, U.S.A.)
Life history and population dynamics of *Metridia pacifica*: results from simulation modelling 113
Bellin, A., *see* Rinaldo, A. et al.
Bossel, H. and Schäfer, H. (Kassel, Federal Republic of Germany)
Generic simulation model of forest growth, carbon and nitrogen dynamics, and application to tropical acacia and European spruce 221
Bosserman, R.W. (Louisville, KY, U.S.A.)
Sensitivity of cycling measures derived from ecological flow analysis 45
Calambokidis, J., *see* French, D.P. et al.
Catchpole, E.A., Hatton, T.J. and Catchpole, W.R. (Canberra, A.C.T., Australia)
Fire spread through nonhomogeneous fuel modelled as a Markov process 101
Catchpole, W.R., *see* Catchpole, E.A. et al.
Costanza, R., *see* Turner, M.G. et al.
Csetenyi, A.I. (Budapest, Hungary) and Logofet, D.O. (Moscow, U.S.S.R.)
Leslie model revisited: some generalizations to block structures 277
Cubbage, J., *see* French, D.P. et al.
Detling, J.K., *see* Bachelet, D.M. et al.
French, D.P., Reed, M. (Narragansett, RI, U.S.A.), Calambokidis, J. and Cubbage, J. (Olympia, WA, U.S.A.)
A simulation model of seasonal migration and daily movements of the northern fur seal 193
Hatton, T.J., *see* Catchpole, E.A. et al.
Herendeen, R. (Champaign, IL, U.S.A.)
Energy intensity, residence time, exergy, and ascendency in dynamic ecosystems . . . 19
Hunt, H.W., *see* Bachelet, D.M. et al.
Kawamoto, H., Woods, S.M., Sinha, R.N. and Muir, W.E. (Winnipeg, Man., Canada)
A simulation model of population dynamics of the rusty grain beetle, *Cryptolestes ferrugineus* in stored wheat 137
Legović, T. (Zagreb, Yugoslavia)
Predation in food webs 267
Logofet, D.O., *see* Csetenyi, A.I. and Logofet, D.O.
Marani, A., *see* Rinaldo, A. et al.
Miller, C.B., *see* Batchelder, H.P. and Miller, C.B.
Muir, W.E., *see* Kawamoto, H. et al.
Nuttall, R.M. (Slough, Great Britain)
Simulated population dynamics of a stored-products' pest (*Ptinus tectus*, Coleoptera) 291

Reed, M., *see* French, D.P. et al.
Rinaldo, A., Bellin, A. (Trento, Italy) and Marani, A. (Venezia, Italy)
A study on solute NO_2–N transport in the hydrologic response by an MRF model . 159
Schäfer, H., *see* Bossel, H. and Schäfer, H.
Sinha, R.N., *see* Kawamoto, H. et al.
Sklar, F.H., *see* Turner, M.G. et al.
Turner, M.G. (Oak Ridge, TN, U.S.A.), Costanza, R. (Solomons, MD, U.S.A.) and Sklar, F.H. (Georgetown, SC, U.S.A.)
Methods to evaluate the performance of spatial simulation models 1
Vardavas, I.M. (Bondi Junction, N.S.W., Australia)
A Fibonacci search technique for model parameter selection 65
Woods, S.M., *see* Kawamoto, H. et al.